



# 1998 Toxics Release Inventory

# IDAHO

## Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	22,489,821	76,876,662	99,366,483
Air Emissions	6,250,363	51,382	6,301,745
Surface Water Discharges	5,575,048	7,924	5,582,972
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	31,641,000	31,641,000
Other On-site Land Releases	10,664,410	45,176,356	55,840,766
Off-site Releases (Transfers Off-site to Disposal)*	214,892	73	214,965
<b>Total On- and Off-site Releases</b>	<b>22,704,713</b>	<b>76,876,735</b>	<b>99,581,448</b>
Recycled On-site	3,568,753	1,730	3,570,483
Recycled Off-site	2,119,253	610	2,119,863
Energy Recovery On-site	31,000	0	31,000
Energy Recovery Off-site	158,899	0	158,899
Treated On-site	22,561,924	157,400	22,719,324
Treated Off-site**	796,900	699	797,599
Quantity Released On- and Off-site***	22,762,659	76,913,008	99,675,667
<b>Total Production-related Waste Managed</b>	<b>51,999,388</b>	<b>77,073,447</b>	<b>129,072,835</b>
<b>Total Non-production-related Waste Managed</b>	<b>3,148</b>	<b>106</b>	<b>3,254</b>

## Transfers Off-site for Further Waste Management/Disposal

Recycling	2,080,693	615	2,081,308
Energy Recovery	159,139	0	159,139
Treatment	58,807	702	59,509
Publicly Owned Treatment Works (POTWs)	820,264	0	820,264
Metals and Metal Compounds*	472	0	472
Non-metal TRI Chemicals**	819,792	0	819,792
Other Off-site Transfers***	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	260,630	73	260,703
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>3,379,533</b>	<b>1,390</b>	<b>3,380,923</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

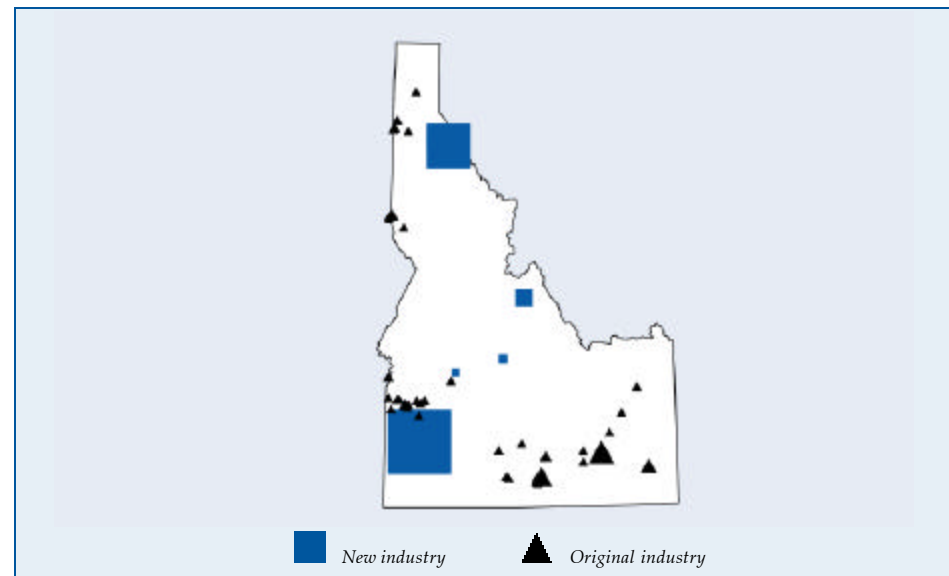
\*\*\*\*Transfers reported without a valid waste management code

## For More Information . . .

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**To obtain TRI data use assistance, call  
TRI User Support Service (TRI-US):**  
(202) 260-1531  
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Idaho. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

## State/TRI Data

Population	1,228,684
Square Miles	82,751
Total Facilities	74
Total Forms	273
Form As	33

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	32	10	23
Pounds	22,704,713	76,876,735	99,581,448
<b>National Rank for Total On-site Releases**</b>			
Rank	29	8	19
Pounds	22,489,821	76,876,662	99,366,483
<b>National Rank for Total Releases within State***</b>			
Rank	32	10	23
Pounds	23,432,256	77,029,788	100,462,044
<b>National Rank for Production-related Waste Managed</b>			
Rank	43	20	39
Pounds	51,999,388	77,073,447	129,072,835

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site



# 1998 Toxics Release Inventory

## IDAHO

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Nitrate compounds	0	5,520,839	0	153,053	1,045	5,674,937	0	0	1,045
—	Zinc compounds	68,110	4,650	0	4,351,200	1,670	4,425,630	14,234,018	0	1,670
7664-41-7	Ammonia	3,226,554	2,487	0	262,902	255	3,492,198	0	255	0
7723-14-0	Phosphorus (yellow or white)	320	0	0	2,272,970	0	2,273,290	0	0	0
—	Chromium compounds	8,535	15	0	1,135,190	5	1,143,745	97,662	0	5
67-56-1	Methanol	814,600	36,800	0	20,500	0	871,900	0	0	0
7664-38-2	Phosphoric acid	6,865	0	0	530,282	5	537,152	0	5	0
—	Cadmium compounds	4,053	15	0	468,160	250	472,478	0	0	250
—	Manganese compounds	1,638	65	0	416,270	0	417,973	1,995,363	0	0
108-88-3	Toluene	332,904	0	0	0	0	332,904	1,559	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Manganese compounds	364	3,273	0	26,727,055	0	26,730,692	0	0	0
7440-66-6	Zinc (fume or dust)	7,900	0	0	24,000,000	5	24,007,905	29,000	0	5
—	Lead compounds	801	1,146	0	6,493,939	33	6,495,919	9,419	0	33
—	Arsenic compounds	1,599	305	0	6,266,571	0	6,268,475	0	0	0
7439-92-1	Lead	1,000	0	0	4,200,000	10	4,201,010	2,800	5	5
—	Zinc compounds	42	1,015	0	4,160,069	0	4,161,126	0	0	0
7439-96-5	Manganese	1,000	0	0	1,600,000	5	1,601,005	3,900	5	0
7440-38-2	Arsenic	511	15	0	647,000	5	647,531	0	0	5
7440-50-8	Copper	500	0	0	580,000	5	580,505	250	0	5
—	Antimony compounds	24	876	0	405,335	0	406,235	0	0	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



# 1998 Toxics Release Inventory

# IDAHO

## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
FMC Corp., Pocatello, Power	276,766	1,215	0	0	0	6,955,260	7,233,241	0	2,210
J. R. Simpolot Co., Heyburn Food Group, Heyburn, Minidoka	24,700	5,020,192	0	0	0	0	5,044,892	0	0
P4 Production L.L.C., Soda Springs, Caribou	185,237	295	0	0	0	2,513,270	2,698,802	0	0
Potlach Corp. Idaho Pulp & Paperboard Div., Lewiston, Nez Perce	1,265,770	51,295	0	0	0	241,920	1,558,985	0	0
J. R. Simplot Co. Don Siding, Pocatello, Power	543,850	0	0	0	0	530,000	1,073,850	0	0
Amalgamated Sugar Co. L.L.C., Paul, Minidoka	1,037,388	0	0	0	0	2,278	1,039,666	0	0
Amalgamated Sugar Co. LLC, Nampa, Canyon	900,204	0	0	0	0	13,458	913,662	0	0
Woodgrain Millwork Inc., Millwork & Prefinish Divisions, Fruitland, Payette	655,507	0	0	0	0	0	655,507	0	0
McCain Foods USA, Burley, Cassia	32,105	500,882	0	0	0	0	532,987	0	0
Amalgamated Sugar Co. LLC, Twin Falls, Twin Falls	484,525	0	0	0	0	5,985	490,510	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

## On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Envirosafe Services of Idaho Inc., Grand View, Owyhee	12,465	0	0	0	31,641,000	0	31,653,465	10	30
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	402	3,547	0	0	0	20,859,662	20,863,611	0	33
Silver Valley Resources Corp., Wallace, Shoshone	246	744	0	0	0	11,080,438	11,081,428	0	0
Sunshine Mine, Kellogg, Shoshone	650	2,330	0	0	0	6,821,905	6,824,885	0	0
Meridian Gold Co. Beartrack Mine, Salmon, Lemhi	1,578	82	0	0	0	5,547,271	5,548,931	0	0
Thompson Creek Mining Co., Thompson Creek Mine, Clayton, Custer	5,817	1,221	0	0	0	867,080	874,118	0	0
Northwest Terminalling Co. (Boise), Boise, Boise	30,224	0	0	0	0	0	30,224	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 1998 Toxics Release Inventory

## IDAHO

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
FMC Corp., Pocatello, Power	0	0	0	0	1,064,000	6	7,234,981	8,298,987	0
J. R. Simplot Co., Heyburn Food Group, Heyburn, Minidoka	0	0	0	0	0	0	5,044,892	5,044,892	0
P4 Production L.L.C., Soda Springs, Caribou	0	0	0	0	3,622,000	0	2,723,240	6,345,240	0
Potlatch Corp. Idaho Pulp & Paperboard Div., Lewiston, Nez Perce	0	0	31,000	0	10,055,500	0	1,557,866	11,644,366	0
J. R. Simplot Co. Don Siding, Pocatello, Power	0	0	0	0	0	400	1,073,850	1,074,250	1,983
Amalgamated Sugar Co. L.L.C., Paul, Minidoka	0	0	0	0	24,736	0	1,039,666	1,064,402	0
Amalgamated Sugar Co. LLC, Nampa, Canyon	0	0	0	0	8,098	7,897	922,757	938,752	0
Woodgrain Millwork Inc., Millwork & Prefinish Divisions, Fruitland, Payette	0	0	0	110,329	0	0	655,507	765,836	0
McCain Foods USA, Burley, Cassia	0	0	0	0	780,214	0	532,992	1,313,206	10
Amalgamated Sugar Co. LLC, Twin Falls, Twin Falls	0	0	0	0	0	0	490,510	490,510	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Envirosafe Services of Idaho Inc., Grand View, Owyhee	0	0	0	0	0	0	31,641,000	31,641,000	0
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	0	610	0	0	0	0	20,863,644	20,864,254	7
Silver Valley Resources Corp., Wallace, Shoshone	0	0	0	0	0	0	11,081,427	11,081,427	0
Sunshine Mine, Kellogg, Shoshone	0	0	0	0	0	0	6,873,800	6,873,800	0
Meridian Gold Co. Beartrack Mine, Salmon, Lemhi	1,730	0	0	0	0	0	5,548,897	5,550,627	0
Thompson Creek Mining Co., Thompson Creek Mine, Clayton, Custer	0	0	0	0	0	0	874,000	874,000	0
Northwest Terminalling Co. (Boise), Boise, Boise	0	0	0	0	157,400	699	30,240	188,339	99

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.